

Title (en)

HYDROGEN PEROXIDE AND PERACETIC ACID INDICATORS AND METHODS USING THE SAME

Title (de)

INDIKATOREN FÜR WASSERSTOFFPEROXID UND PERESSIGSÄURE UND VERFAHREN ZU IHRER VERWENDUNG

Title (fr)

INDICATEURS DE PEROXYDE D'HYDROGENE ET DE L'ACIDE PERACETIQUE ET LEURS PROCEDES D'UTILISATION

Publication

**EP 1465671 A1 20041013 (EN)**

Application

**EP 02770625 A 20021018**

Priority

- US 0233471 W 20021018
- US 3743501 A 20011231

Abstract (en)

[origin: US7897403B2] The present invention provides a hydrogen peroxide indicator and a peracetic acid indicator that include a substrate on which is disposed an indicator composition that includes at least one of a select group of colorants and a transition metal salt. As a result of exposure to hydrogen peroxide and/or peracetic acid, the colorants change color, and even become colorless, thereby providing an indication of the presence of hydrogen peroxide and/or peracetic acid.

IPC 1-7

**A61L 2/28**

IPC 8 full level

**A61L 2/26** (2006.01); **A01N 37/16** (2006.01); **A01N 59/00** (2006.01); **A61L 2/28** (2006.01); **G01N 31/22** (2006.01)

CPC (source: EP KR US)

**A61L 2/28** (2013.01 - EP KR US); **G01N 31/226** (2013.01 - EP US); **Y10T 436/206664** (2015.01 - EP US)

Cited by

US7481975B2; WO2020217175A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)

**WO 03057262 A1 20030717**; AT E314099 T1 20060115; AU 2002335859 A1 20030724; BR 0214855 A 20041103; CA 2472039 A1 20030717; CA 2472039 C 20110104; CN 1610561 A 20050427; DE 60208443 D1 20060202; DE 60208443 T2 20060803; EP 1465671 A1 20041013; EP 1465671 B1 20051228; ES 2252513 T3 20060516; JP 2005514112 A 20050519; JP 4109201 B2 20080702; KR 20040075340 A 20040827; US 2003194346 A1 20031016; US 2007134797 A1 20070614; US 2010124784 A1 20100520; US 7192554 B2 20070320; US 7670552 B2 20100302; US 7897403 B2 20110301

DOCDB simple family (application)

**US 0233471 W 20021018**; AT 02770625 T 20021018; AU 2002335859 A 20021018; BR 0214855 A 20021018; CA 2472039 A 20021018; CN 02826540 A 20021018; DE 60208443 T 20021018; EP 02770625 A 20021018; ES 02770625 T 20021018; JP 2003557619 A 20021018; KR 20047010322 A 20021018; US 3743501 A 20011231; US 65502207 A 20070118; US 69355310 A 20100126